

SEQUENCE LISTING

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<160> 12

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<211> 229

<212> PRT

<213> Cnidopus japonicus

<400> 1

Met Ala Ser Met Ile Lys Asp Val Met Arg Phe Lys Met Asn Met Glu

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Gly Thr Val Asn Gly His His Phe Lys Cys Glu Ala Asp Gly Glu Gly

20 25 30

Lys Pro Tyr Glu Gly Thr Gln Leu Gly Arg Ile Arg Val Thr Glu Gly

35 40 45

Gly Pro Leu Pro Phe Ser Phe Asp Ile Leu Ser Thr Cys Thr Gln Tyr

50 55 60

Gly Ser Lys Thr Met Ile Lys His Leu Ser Gly Ile Pro Asp Tyr Phe

65 70 75 80

Lys Gln Ser Phe Pro Glu Gly Phe Thr Trp Glu Arg Asn Thr Ile Tyr

85 90 95

Glu Asp Gly Gly His Leu Thr Ala His Gln Asp Thr Ser Leu Lys Gly

100 105 110

Asp Cys Leu Ile Tyr Lys Val Lys Val Leu Gly Gly Asn Phe Pro Ala

115 120 125

Asn Gly Pro Val Met Gln Lys Lys Ser Lys Gly Trp Glu Pro Cys Thr
 130 135 140
 Glu Met Leu Tyr Pro Arg Asp Gly Val Leu Cys Gly Gln Thr Leu Met
 145 150 155 160
 Ala Leu Lys Cys Ala Asn Gly Lys Asn Leu Thr Cys Gln Leu Arg Ser
 165 170 175
 Thr Tyr Arg Ser Arg Lys Gln Ala Ser Ala Leu Gln Thr Pro Gly Phe
 180 185 190
 His Phe Gly Asp His Arg Ile Glu Ile Leu Lys Glu Ala Glu Gly Gly
 195 200 205
 Asn Tyr Phe Glu Gln His Glu Thr Ser Val Ala Arg Tyr Cys Asp Val
 210 215 220
 Ala Pro Ser Lys His
 225

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<212> DNA

<213> *Cnidopus japonicus*

<400> 2

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 Met Ala Ser Met Ile Lys Asp Val Met Arg Phe Lys Met Asn Met Glu
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 ggg acg gtt aac ggc cac cac ttc aag tgt gaa gct gat gga gag ggc 96
 Gly Thr Val Asn Gly His His Phe Lys Cys Glu Ala Asp Gly Glu Gly
 20 25 30
 aag cca tat gaa ggg act caa ctc gga aga ata agg gtc acc gaa ggc 144

Lys Pro Tyr Glu Gly Thr Gln Leu Gly Arg Ile Arg Val Thr Glu Gly
 35 40 45
 ggg cca ttg ccg ttt tct ttc gac atc ttg tcg act tgc act caa tat 192
 Gly Pro Leu Pro Phe Ser Phe Asp Ile Leu Ser Thr Cys Thr Gln Tyr
 50 55 60
 gga agc aag acc atg atc aag cat ttg tcc ggg att cca gac tac ttt 240
 Gly Ser Lys Thr Met Ile Lys His Leu Ser Gly Ile Pro Asp Tyr Phe
 65 70 75 80
 aag cag tct ttt cca gaa gga ttc acc tgg gaa agg aac aca atc tat 288
 Lys Gln Ser Phe Pro Glu Gly Phe Thr Trp Glu Arg Asn Thr Ile Tyr
 85 90 95
 gag gat ggt ggt cac ctc aca gct cac caa gac act agt ctt aag gga 336
 Glu Asp Gly Gly His Leu Thr Ala His Gln Asp Thr Ser Leu Lys Gly
 100 105 110
 gat tgc ctg atc tat aaa gtg aaa gtc ctt gga ggt aat ttt cct gcc 384
 Asp Cys Leu Ile Tyr Lys Val Lys Val Leu Gly Gly Asn Phe Pro Ala
 115 120 125
 aat ggc cct gtg atg cag aag aag agc aaa gga tgg gaa ccc tgt acc 432
 Asn Gly Pro Val Met Gln Lys Lys Ser Lys Gly Trp Glu Pro Cys Thr
 130 135 140
 gaa atg ctt tat cca cgt gat gga gtg ctt tgt ggc caa aca ttg atg 480
 Glu Met Leu Tyr Pro Arg Asp Gly Val Leu Cys Gly Gln Thr Leu Met
 145 150 155 160
 gca ctt aaa tgc gcc aat ggt aaa aat ctg act tgc cag cta aga tct 528
 Ala Leu Lys Cys Ala Asn Gly Lys Asn Leu Thr Cys Gln Leu Arg Ser
 165 170 175
 act tac agg tcc aga aaa caa gcc agt gca ttg cag aca cca ggc ttc 576

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acvggdccaat ydgvaagaaa rtt

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<210> 5

<211> 36

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic DNA

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ggccacgcgt cgactagtac gggiigggi gggiig

36

<210> 6

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic DNA

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<210> 7

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic DNA

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<210> 8

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic DNA

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ggtgagctgt gaggtgacca

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<210> 9

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic DNA

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<212> DNA

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<223> Description of Artificial Sequence: Synthetic DNA

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic DNA

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<210> 12

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic DNA

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ccggaattct tagtgctttg acggggcaac atc 33